WM-D6C/TC-D6C

SONY

SERVICE MANUAL

US Model
Canadian Model
AEP Model
UK Model
E Model

SUPPLEMENT-2

File this supplement with the service manual.

Subject: Change of the Main Board.

This Supplement-2 contains only the information about WM-D6C.
The printed circuit boards changes to the new one.
The spectral skewing board and the DC-DC board are built in the new main board.

Destination	Serial No.
US	After 267,201
Canadian	After 270,001
AEP	After 269,301
UK	After 269,601
E	After 270,001

- **SCHEMATIC DIAGRAM**
- **PRINTED WIRING BOARD**
- **ELECTRICAL PARTS LIST**

9-951-385-82

Sony Corporation
General Audio Group

English
94C05103-1
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AUTO OFF | LED

SECTION 5 EXPLODED VIEWS AND PARTS LIST

(Service Manual see pages 31 to 36)

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u:μ, for example:
  uA . . : μA. . uPA. . : μPA. .
  uPB. . : μPB. . uPC. . : μPC. . uPD. . : μPD. .
- CAPACITORS
  uF: μF
- COILS
  uH: μH

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
*	A-3060-814-A	AUTO OFF BOARD, COMPLETE			
		**********			
*	3-308-430-00	RETAINER, REFLECTOR, PHOTO			
		< CAPACITOR >			
C701	1-163-038-00	CERAMIC CHIP	0.1uF	25V	
C702	1-135-161-21	TANTALUM CHIP	22uF	10% 10V	
C703	1-163-097-00	CERAMIC CHIP	15PF	5% 50V	
C704	1-163-097-00	CERAMIC CHIP	15PF	5% 50V	
C705	1-163-105-00	CERAMIC CHIP	33PF	5% 50V	
C706	1-135-159-21	TANTALUM CHIP	10uF	10% 20V	
		< DIODE >			
D701	8-719-801-78	DIODE	1SS184		
		< IC >			
IC701	8-759-958-14	IC	MSM58141RS		
		< PHOTO INTERRUPTER >			
PH701	8-719-751-42	DIODE	NJL5141E-AA		
		< TRANSISTOR >			
Q701	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
Q702	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
Q703	8-729-420-50	TRANSISTOR	UN5215		
Q704	8-729-420-50	TRANSISTOR	UN5215		
		< RESISTOR >			
R701	1-216-057-00	METAL CHIP	2.2K	5% 1/10W	
R702	1-216-109-00	METAL CHIP	330K	5% 1/10W	
R703	1-216-097-00	METAL CHIP	100K	5% 1/10W	
R704	1-216-103-91	METAL GLAZE	180K	5% 1/10W	
R705	1-216-103-91	METAL GLAZE	180K	5% 1/10W	
R706	1-216-089-91	METAL GLAZE	47K	5% 1/10W	
R708	1-216-081-00	METAL CHIP	22K	5% 1/10W	
R710	1-216-101-00	METAL CHIP	150K	5% 1/10W	
R711	1-216-057-00	METAL CHIP	2.2K	5% 1/10W	
R712	1-216-097-00	METAL CHIP	100K	5% 1/10W	
R713	1-216-121-00	METAL CHIP	1M	5% 1/10W	
R714	1-216-081-00	METAL CHIP	22K	5% 1/10W	
R715	1-216-129-00	METAL CHIP	2.2M	5% 1/10W	
R716	1-216-031-00	METAL CHIP	180	5% 1/10W	
		< VIBRATOR >			
X701	1-527-957-00	OSCILLATOR, CRYSTAL (34.7KHz)			
**********					
*	A-3060-816-A	LED BOARD, COMPLETE			
		**********			
*	3-305-888-00	RETAINER			
	3-305-897-00	HOLDER, LED			
	3-557-575-00	SPRING, COMPRESSION			
	3-831-441-XX	SPACER			
	4-017-441-01	CUSHION (B)			
	7-627-451-38	SCREW, PRECISION +K 1.4X2			
		< CAPACITOR >			
C801	1-126-193-11	ELECT	1uF	20% 50V	
C802	1-126-603-11	ELECT CHIP	4.7uF	20% 35V	
C803	1-124-778-00	ELECT CHIP	22uF	20% 6.3V	
C804	1-135-091-91	TANTAL. CHIP	1uF	20% 16V	
		< DIODE >			
D801	8-719-915-54	DIODE	SLP159B		
D802	8-719-915-54	DIODE	SLP159B		
D803	8-719-915-54	DIODE	SLP159B		
D804	8-719-915-54	DIODE	SLP159B		
D805	8-719-915-54	DIODE	SLP159B		
		< IC >			
IC801	8-752-060-72	IC	CX10043-T4		
		< TRANSISTOR >			
Q801	8-729-120-28	TRANSISTOR	2SC1623-L5L6		

Ref. No.	Part No.	Description			Remark
		< RESISTOR >			
R801	1-216-073-00	METAL CHIP	10K	5%	1/10W
R802	1-216-073-00	METAL CHIP	10K	5%	1/10W
R804	1-216-097-00	METAL CHIP	100K	5%	1/10W
R805	1-216-073-00	METAL CHIP	10K	5%	1/10W
R806	1-216-097-00	METAL CHIP	100K	5%	1/10W
R807	1-216-073-00	METAL CHIP	10K	5%	1/10W
R808	1-216-075-00	METAL CHIP	12K	5%	1/10W
R809	1-216-091-00	METAL CHIP	56K	5%	1/10W
R810	1-216-093-00	METAL CHIP	68K	5%	1/10W
R811	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R812	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R813	1-216-001-00	METAL CHIP	10	5%	1/10W
R814	1-216-031-00	METAL CHIP	180	5%	1/10W
R815	1-216-031-00	METAL CHIP	180	5%	1/10W
R816	1-216-031-00	METAL CHIP	180	5%	1/10W
R817	1-216-031-00	METAL CHIP	180	5%	1/10W
R818	1-216-031-00	METAL CHIP	180	5%	1/10W
R819	1-216-049-00	METAL CHIP	1K	5%	1/10W
		< SWITCH >			
S801	1-554-746-11	SWITCH, SLIDE (PEAK/BATT)			
S802	1-552-642-00	SWITCH (DOLBY NR)			
S803	1-552-642-00	SWITCH (TAPE)			
**********					
*	A-3060-812-A	MAIN BOARD, COMPLETE			
		**********			
	3-305-801-00	SPRING			
	3-305-868-00	KNOB, SPEED CONTROL			
	3-305-873-00	TERMINAL BOARD, BATTERY			
	3-701-436-11	WASHER, 1.6 POLYETHYLENE			
	3-831-441-XX	SPACER			
	7-627 552-38	SCREW, PRECISION +P 1.7X3			
		< CAPACITOR >			
C101	1-128-594-11	ELECT CHIP	1uF	20%	50V
C102	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C103	1-126-207-11	ELECT CHIP	33uF	20%	4V
C104	1-135-177-21	TANTALUM CHIP	1uF	20%	20V
C105	1-135-177-21	TANTALUM CHIP	1uF	20%	20V
C106	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C107	1-126-603-11	ELECT CHIP	4.7uF	20%	35V
C108	1-163-019-00	CERAMIC CHIP	0.0068uF	10%	50V
C109	1-163-007-11	CERAMIC CHIP	680PF	10%	50V
C110	1-135-181-21	TANTALUM CHIP	4.7uF	20%	6.3V
C111	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C112	1-135-181-21	TANTALUM CHIP	4.7uF	20%	6.3V

Ref. No.	Part No.	Description			Remark
C113	1-163-006-11	CERAMIC CHIP	560PF	10%	50V
C114	1-104-555-11	FILM CHIP	0.022uF	5%	16V
C115	1-135-177-21	TANTALUM CHIP	1uF	20%	20V
C116	1-104-547-11	FILM CHIP	0.0047uF	5%	16V
C117	1-163-121-00	CERAMIC CHIP	150PF	5%	50V
C118	1-104-551-11	FILM CHIP	0.01uF	5%	16V
C119	1-104-551-11	FILM CHIP	0.01uF	5%	16V
C120	1-135-201-11	TANTALUM CHIP	10uF	20%	4V
C121	1-163-024-00	CERAMIC CHIP	0.018uF	10%	50V
C122	1-126-193-11	ELECT	1uF	20%	50V
C123	1-135-072-21	TANTALUM CHIP	0.22uF	10%	35V
C124	1-104-559-11	FILM CHIP	0.047uF	5%	16V
C125	1-104-559-11	FILM CHIP	0.047uF	5%	16V
C126	1-104-559-11	FILM CHIP	0.047uF	5%	16V
C127	1-135-070-00	TANTALUM CHIP	0.1uF	10%	35V
C128	1-135-072-21	TANTALUM CHIP	0.22uF	10%	35V
C129	1-163-020-00	CERAMIC CHIP	0.0082uF	10%	50V
C130	1-126-190-11	ELECT	0.33uF	20%	50V
C131	1-135-177-21	TANTALUM CHIP	1uF	20%	20V
C132	1-135-177-21	TANTALUM CHIP	1uF	20%	20V
C133	1-104-551-11	FILM CHIP	0.01uF	5%	16V
C134	1-163-011-11	CERAMIC CHIP	0.0015uF	10%	50V
C135	1-135-177-21	TANTALUM CHIP	1uF	20%	20V
C136	1-135-177-21	TANTALUM CHIP	1uF	20%	20V
C137	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C138	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C139	1-126-601-11	ELECT CHIP	2.2uF	20%	50V
C141	1-163-007-11	CERAMIC CHIP	680PF	10%	50V
C142	1-135-070-00	TANTALUM CHIP	0.1uF	10%	35V
C143	1-135-179-21	TANTAL. CHIP	2.2uF	10%	16V
C144	1-135-210-11	TANTALUM CHIP	4.7uF	20%	10V
C145	1-104-551-11	FILM CHIP	0.01uF	5%	16V
C146	1-104-553-11	FILM CHIP	0.015uF	5%	16V
C147	1-104-552-11	FILM CHIP	0.012uF	5%	16V
C148	1-104-553-11	FILM CHIP	0.015uF	5%	16V
C149	1-109-809-91	CAP, CHIP MICA	2.2PF	0.25PF	100V
C151	1-163-988-11	CERAMIC CHIP	180PF	5%	100V
C152	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C153	1-163-011-11	CERAMIC CHIP	0.0015uF	10%	50V
C154	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C155	1-163-006-11	CERAMIC CHIP	560PF	10%	50V
C201	1-128-594-11	ELECT CHIP	1uF	20%	50V
C202	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C203	1-126-207-11	ELECT CHIP	33uF	20%	4V
C204	1-135-177-21	TANTALUM CHIP	1uF	20%	20V
C205	1-135-177-21	TANTALUM CHIP	1uF	20%	20V
C206	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C207	1-126-603-11	ELECT CHIP	4.7uF	20%	35V

MAIN

Ref. No.	Part No.	Description			Remark
C208	1-163-019-00	CERAMIC CHIP	0.0068uF	10%	50V
C209	1-163-007-11	CERAMIC CHIP	680PF	10%	50V
C210	1-135-181-21	TANTALUM CHIP	4.7uF	20%	6.3V
C211	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C212	1-135-181-21	TANTALUM CHIP	4.7uF	20%	6.3V
C213	1-163-006-11	CERAMIC CHIP	560PF	10%	50V
C214	1-104-555-11	FILM CHIP	0.022uF	5%	16V
C215	1-135-177-21	TANTALUM CHIP	1uF	20%	20V
C216	1-104-547-11	FILM CHIP	0.0047uF	5%	16V
C217	1-163-121-00	CERAMIC CHIP	150PF	5%	50V
C218	1-104-551-11	FILM CHIP	0.01uF	5%	16V
C219	1-104-551-11	FILM CHIP	0.01uF	5%	16V
C220	1-135-201-11	TANTALUM CHIP	10uF	20%	4V
C221	1-163-024-00	CERAMIC CHIP	0.018uF	10%	50V
C222	1-126-193-11	ELECT	1uF	20%	50V
C223	1-135-072-21	TANTALUM CHIP	0.22uF	10%	35V
C224	1-104-559-11	FILM CHIP	0.047uF	5%	16V
C225	1-104-559-11	FILM CHIP	0.047uF	5%	16V
C226	1-104-559-11	FILM CHIP	0.047uF	5%	16V
C227	1-135-070-00	TANTALUM CHIP	0.1uF	10%	35V
C228	1-135-072-21	TANTALUM CHIP	0.22uF	10%	35V
C229	1-163-020-00	CERAMIC CHIP	0.0082uF	10%	50V
C230	1-126-190-11	ELECT	0.33uF	20%	50V
C231	1-135-177-21	TANTALUM CHIP	1uF	20%	20V
C232	1-135-177-21	TANTALUM CHIP	1uF	20%	20V
C233	1-104-551-11	FILM CHIP	0.01uF	5%	16V
C234	1-163-011-11	CERAMIC CHIP	0.0015uF	10%	50V
C235	1-135-177-21	TANTALUM CHIP	1uF	20%	20V
C236	1-135-177-21	TANTALUM CHIP	1uF	20%	20V
C237	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C238	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C239	1-126-601-11	ELECT CHIP	2.2uF	20%	50V
C241	1-163-007-11	CERAMIC CHIP	680PF	10%	50V
C242	1-135-070-00	TANTALUM CHIP	0.1uF	10%	35V
C243	1-135-179-21	TANTAL. CHIP	2.2uF	10%	16V
C244	1-135-210-11	TANTALUM CHIP	4.7uF	20%	10V
C245	1-104-551-11	FILM CHIP	0.01uF	5%	16V
C246	1-104-553-11	FILM CHIP	0.015uF	5%	16V
C247	1-104-552-11	FILM CHIP	0.012uF	5%	16V
C248	1-104-553-11	FILM CHIP	0.015uF	5%	16V
C249	1-109-809-91	CAP, CHIP MICA	2.2PF	0.25PF	100V
C251	1-163-988-11	CERAMIC CHIP	180PF	5%	100V
C252	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C253	1-163-011-11	CERAMIC CHIP	0.0015uF	10%	50V
C254	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C255	1-163-006-11	CERAMIC CHIP	560PF	10%	50V
C301	1-126-395-11	ELECT	22uF	20%	16V
C302	1-135-159-21	TANTALUM CHIP	10uF	10%	20V
C303	1-124-779-00	ELECT CHIP	10uF	20%	16V
C304	1-126-395-11	ELECT	22uF	20%	16V
C305	1-135-202-21	TANTAL. CHIP	22uF	20%	4V
C306	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C307	1-124-778-00	ELECT CHIP	22uF	20%	6.3V
C308	1-135-155-21	TANTALUM CHIP	4.7uF	10%	16V
C309	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C310	1-126-601-11	ELECT CHIP	2.2uF	20%	50V
C311	1-130-896-00	FILM	0.0082uF	5%	400V
C312	1-135-179-21	TANTAL. CHIP	2.2uF	10%	16V
C313	1-104-547-11	FILM CHIP	0.0047uF	5%	16V
C314	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C316	1-124-120-11	ELECT	220uF	20%	25V
C317	1-124-120-11	ELECT	220uF	20%	25V
C318	1-126-246-11	ELECT CHIP	220uF	20%	4V
C319	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C320	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C321	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C322	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C601	1-126-187-11	ELECT	0.1uF	20%	50V
C602	1-126-191-11	ELECT	0.47uF	20%	50V
C603	1-126-189-11	ELECT	0.22uF	20%	50V
C604	1-163-012-00	CERAMIC CHIP	0.0018uF	10%	50V
C605	1-130-865-11	FILM	0.0033uF	5%	50V
C606	1-135-201-11	TANTALUM CHIP	10uF	20%	4V
C607	1-126-204-11	ELECT CHIP	47uF	20%	16V
C608	1-135-092-21	TANTALUM CHIP	3.3uF	10%	16V
C609	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C610	1-104-550-11	FILM CHIP	0.0082uF	5%	16V
C611	1-104-551-11	FILM CHIP	0.01uF	5%	16V
C612	1-104-551-11	FILM CHIP	0.01uF	5%	16V
C613	1-104-547-11	FILM CHIP	0.0047uF	5%	16V
C614	1-163-011-11	CERAMIC CHIP	0.0015uF	10%	50V
		< CONNECTOR >			
CN301	1-507-749-00	JACK, EXTENTION POWER (DC IN 6V)			
		< COMPOSITION CIRCUIT BLOCK >			
CP101	1-235-317-11	FILTER, LOW PASS			
CP102	1-235-318-11	FILTER, SP-SK			
CP201	1-235-317-11	FILTER, LOW PASS			
CP202	1-235-318-11	FILTER, SP-SK			
CP304	1-464-183-21	CONVERTER UNIT, DC-DC			
		< DIODE >			
D302	8-719-801-78	DIODE 1SS184			
D303	8-719-801-78	DIODE 1SS184			

SECTION 4 DIAGRAMS

(Service Manual see pages 20 to 25)

PRINTED WIRING BOARDS

- **Semiconductor Location**

Ref. No.	Location
D302	H-21
D303	I-20
D701	E-30
D801	G-5
D802	G-5
D803	F-5
D804	F-5
D805	F-5
IC101	G-24
IC102	I-23
IC201	F-26
IC202	I-21
IC301	J-25
IC302	J-19
IC601	J-28
IC701	E-30
IC801	F-4
PH701	F-30
Q101	F-19
Q102	F-19
Q103	E-19
Q104	E-21
Q105	E-22
Q106	F-22
Q107	F-22
Q108	I-19
Q109	J-22
Q201	G-20
Q202	F-20
Q203	E-20
Q204	G-21
Q205	G-21
Q206	G-21
Q207	F-22
Q208	H-19
Q209	J-22
Q301	E-20
Q302	J-25
Q303	J-24
Q304	J-24
Q305	J-26
Q306	J-26
Q307	I-27
Q308	I-26
Q309	I-26
Q310	H-19
Q311	H-20
Q312	H-19
Q313	H-20
Q314	H-21
Q315	H-21
Q316	G-21
Q317	G-21
Q318	E-22
Q319	E-23
Q320	E-23
Q321	F-22
Q322	E-22
Q601	J-27
Q701	F-31
Q702	E-31
Q703	F-31
Q704	E-31
Q801	G-4

【LED BOARD】(COMPONENT SIDE)

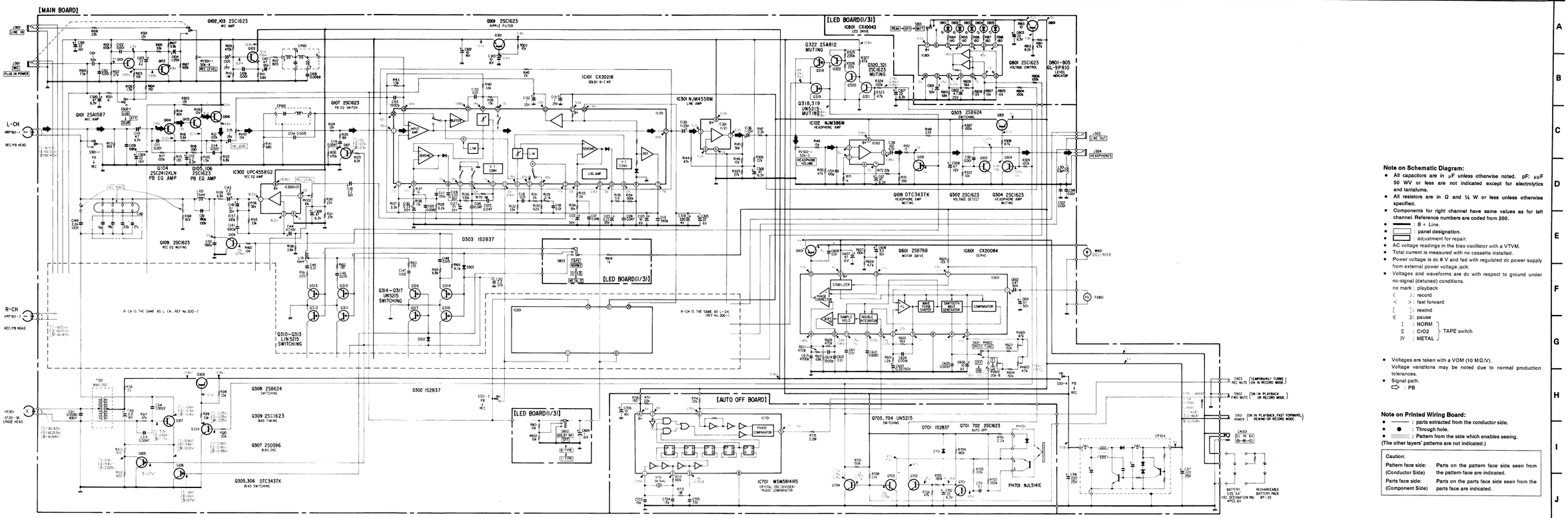
【LED BOARD】(CONDUCTOR SIDE)

【MAIN BOARD】(COMPONENT SIDE)

【MAIN BOARD】(CONDUCTOR SIDE)

【AUTO OFF BOARD】(COMPONENT SIDE)

【AUTO OFF BOARD】(CONDUCTOR SIDE)


[MAIN BOARD]
[LED BOARD(I/3)]
[LED BOARD(II/3)]
[AUTO OFF BOARD]
L-CH
R-CH
Q102,103 2SC1623
MIC AMP
Q201 2SC1623
RIPPLE FILTER
Q101 2SA1587
MIC AMP
Q104 2SC2412KLN
PB EQ AMP
Q105,106 2SC1623
PB EQ AMP
Q107 2SC1623
PB EQ SWITCH
IC302 UPC4558G2
REC EQ AMP
Q109 2SC1623
REC EQ MUTING
IC101 CX20218
DOLBY B-C NR
IC301 NJM4558M
LINE AMP
Q303 2SB624
SWITCHING
IC102 NJM386M
HEADPHONE AMP
Q108 DTC343TK
HEADPHONE AMP MUTING
Q302 2SC1623
VOLTAGE DETECT
Q304 2SC1623
HEADPHONE AMP MUTING
Q322 2SA812
MUTING
Q320,321 2SC1623
MUTING
Q318,319 UN5215
MUTING
IC801 CX20043
LED DRIVE
Q801 2SC1623
VOLTAGE CONTROL
D801~805
GL-9PR10
LEVEL INDICATOR
IC601 CX20084
SERVO
Q601 2SB798
MOTOR DRIVE
Q314~Q317
UN5215
SWITCHING
Q310~Q313
LIN5215
SWITCHING
Q308 2SB624
SWITCHING
Q309 2SC1623
BIAS TIMING
Q307 2SD596
BIAS OSC
Q305,306 DTC343TK
BIAS SWITCHING
IC701 MSM5814RS
CRYSTAL OSC/DIVIDER/
PHASE COMPARATOR
Q703,704 UN5215
SWITCHING
Q701 IS2837
Q701 702 2SC1623
AUTO OFF
PH701 NJL5141E
D303 IS2837
D302 IS2837
R-CH IS THE SAME AS L-CH. (REF No.200~)
R-CH IS THE SAME AS L-CH. (REF No.200~)
(REF No.200~)
(REF No.200~)
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MAIN

Ref. No.	Part No.	Description	Remark
		< IC >	
IC101	8-752-070-19	IC CX20218-T6	
IC102	8-759-700-50	IC NJM386M	
IC201	8-752-070-19	IC CX20218-T6	
IC202	8-759-700-50	IC NJM386M	
IC301	8-759-100-96	IC uPC4558G2	
IC302	8-759-100-96	IC uPC4558G2	
IC601	8-759-909-45	IC CX20084	
		< JACK >	
J301	1-507-794-31	JACK, SMALL TYPE (WITH SWITCH) (MIC)	
J302	1-507-929-41	JACK (LINE IN)	
J303	1-507-929-41	JACK (LINE OUT)	
J304	1-507-929-11	JACK (HEADPHONES)	
		< COIL >	
L101	1-408-682-00	INDUCTOR 10mH	
L102	1-408-930-00	INDUCTOR 33mH	
L201	1-408-682-00	INDUCTOR 10mH	
L202	1-408-930-00	INDUCTOR 33mH	
L301	1-410-198-51	INDUCTOR CHIP 3.3uH	
		< TRANSISTOR >	
Q101	8-729-013-29	TRANSISTOR 2SA1587-GRBL-TE85L	
Q102	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q103	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q104	8-729-016-80	TRANSISTOR 2SC2412KLN-T146-R	
Q105	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q106	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q107	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q108	8-729-920-31	TRANSISTOR DTC343TK	
Q109	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q201	8-729-013-29	TRANSISTOR 2SA1587-GRBL-TE85L	
Q202	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q203	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q204	8-729-016-80	TRANSISTOR 2SC2412KLN-T146-R	
Q205	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q206	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q207	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q208	8-729-920-31	TRANSISTOR DTC343TK	
Q209	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q301	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q302	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q303	8-729-162-45	TRANSISTOR 2SB624-BV5	
Q304	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q305	8-729-920-31	TRANSISTOR DTC343TK	
Q306	8-729-920-31	TRANSISTOR DTC343TK	
Q307	8-729-141-75	TRANSISTOR 2SD596DV345	
Q308	8-729-162-45	TRANSISTOR 2SB624-BV5	
Q309	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q310	8-729-420-50	TRANSISTOR UN5215	
Q311	8-729-420-50	TRANSISTOR UN5215	
Q312	8-729-420-50	TRANSISTOR UN5215	
Q313	8-729-420-50	TRANSISTOR UN5215	
Q314	8-729-420-50	TRANSISTOR UN5215	
Q315	8-729-420-50	TRANSISTOR UN5215	
Q316	8-729-420-50	TRANSISTOR UN5215	
Q317	8-729-420-50	TRANSISTOR UN5215	
Q318	8-729-420-50	TRANSISTOR UN5215	
Q319	8-729-420-50	TRANSISTOR UN5215	
Q320	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q321	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q322	8-729-216-22	TRANSISTOR 2SA1162-G	
Q601	8-729-101-07	TRANSISTOR 2SB798-DL	
		< RESISTOR >	
R101	1-216-097-00	METAL CHIP 100K 5% 1/10W	
R102	1-216-083-00	METAL CHIP 27K 5% 1/10W	
R103	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R104	1-216-029-00	METAL CHIP 150 5% 1/10W	
R105	1-216-085-00	METAL CHIP 33K 5% 1/10W	
R106	1-216-053-00	METAL CHIP 1.5K 5% 1/10W	
R107	1-216-063-00	METAL CHIP 3.9K 5% 1/10W	
R108	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R109	1-216-113-00	METAL CHIP 470K 5% 1/10W	
R110	1-216-121-00	METAL CHIP 1M 5% 1/10W	
R111	1-216-067-00	METAL CHIP 5.6K 5% 1/10W	
R112	1-216-047-00	METAL CHIP 820 5% 1/10W	
R113	1-216-095-00	METAL CHIP 82K 5% 1/10W	
R114	1-216-095-00	METAL CHIP 82K 5% 1/10W	
R115	1-216-027-00	METAL CHIP 120 5% 1/10W	
R116	1-216-067-00	METAL CHIP 5.6K 5% 1/10W	
R117	1-216-097-00	METAL CHIP 100K 5% 1/10W	
R118	1-216-037-00	METAL CHIP 330 5% 1/10W	
R119	1-216-075-00	METAL CHIP 12K 5% 1/10W	
R120	1-216-053-00	METAL CHIP 1.5K 5% 1/10W	
R121	1-216-099-00	METAL CHIP 120K 5% 1/10W	
R122	1-216-069-00	METAL CHIP 6.8K 5% 1/10W	
R123	1-216-071-00	METAL CHIP 8.2K 5% 1/10W	
R124	1-216-075-00	METAL CHIP 12K 5% 1/10W	
R125	1-216-079-00	METAL CHIP 18K 5% 1/10W	
R126	1-216-113-00	METAL CHIP 470K 5% 1/10W	
R127	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
R128	1-216-068-00	METAL CHIP 6.2K 5% 1/10W	
R129	1-216-066-00	METAL CHIP 5.1K 5% 1/10W	
R130	1-216-092-00	METAL GLAZE 62K 5% 1/10W	

MAIN

Ref. No.	Part No.	Description				Remark
R131	1-216-056-00	METAL GLAZE	2K	5%	1/10W	
R132	1-216-085-00	METAL CHIP	33K	5%	1/10W	
R133	1-216-056-00	METAL GLAZE	2K	5%	1/10W	
R134	1-216-689-11	METAL CHIP	39K	0.5%	1/10W	
R135	1-216-090-00	METAL CHIP	51K	5%	1/10W	
R136	1-216-109-00	METAL CHIP	330K	5%	1/10W	
R137	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R138	1-216-076-00	METAL CHIP	13K	5%	1/10W	
R139	1-216-076-00	METAL CHIP	13K	5%	1/10W	
R140	1-216-085-00	METAL CHIP	33K	5%	1/10W	
R141	1-216-045-00	METAL CHIP	680	5%	1/10W	
R142	1-216-056-00	METAL GLAZE	2K	5%	1/10W	
R143	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R144	1-216-089-91	METAL GLAZE	47K	5%	1/10W	
R145	1-216-091-00	METAL CHIP	56K	5%	1/10W	
R146	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R147	1-216-057-00	METAL CHIP	2.2K	5%	1/10W	
R148	1-216-057-00	METAL CHIP	2.2K	5%	1/10W	
R149	1-216-077-00	METAL CHIP	15K	5%	1/10W	
R150	1-216-089-91	METAL GLAZE	47K	5%	1/10W	
R151	1-216-039-00	METAL CHIP	390	5%	1/10W	
R152	1-216-005-00	METAL CHIP	15	5%	1/10W	
R154	1-216-108-00	METAL GLAZE	300K	5%	1/10W	
R155	1-216-085-00	METAL CHIP	33K	5%	1/10W	
R156	1-216-091-00	METAL CHIP	56K	5%	1/10W	
R157	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R158	1-216-063-00	METAL CHIP	3.9K	5%	1/10W	
R159	1-216-069-00	METAL CHIP	6.8K	5%	1/10W	
R160	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R161	1-216-033-00	METAL CHIP	220	5%	1/10W	
R162	1-216-029-00	METAL CHIP	150	5%	1/10W	
R163	1-216-035-00	METAL CHIP	270	5%	1/10W	
R165	1-216-069-00	METAL CHIP	6.8K	5%	1/10W	
R166	1-216-072-00	METAL CHIP	9.1K	5%	1/10W	
R167	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R168	1-216-095-00	METAL CHIP	82K	5%	1/10W	
R169	1-216-070-00	METAL CHIP	7.5K	5%	1/10W	
R170	1-216-121-00	METAL CHIP	1M	5%	1/10W	
R171	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R172	1-216-081-00	METAL CHIP	22K	5%	1/10W	
R201	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R202	1-216-083-00	METAL CHIP	27K	5%	1/10W	
R203	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R204	1-216-029-00	METAL CHIP	150	5%	1/10W	
R205	1-216-085-00	METAL CHIP	33K	5%	1/10W	
R206	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R207	1-216-063-00	METAL CHIP	3.9K	5%	1/10W	
R208	1-216-081-00	METAL CHIP	22K	5%	1/10W	
R209	1-216-113-00	METAL CHIP	470K	5%	1/10W	
R210	1-216-121-00	METAL CHIP	1M	5%	1/10W	
R211	1-216-067-00	METAL CHIP	5.6K	5%	1/10W	
R212	1-216-047-00	METAL CHIP	820	5%	1/10W	
R213	1-216-095-00	METAL CHIP	82K	5%	1/10W	
R214	1-216-095-00	METAL CHIP	82K	5%	1/10W	
R215	1-216-027-00	METAL CHIP	120	5%	1/10W	
R216	1-216-067-00	METAL CHIP	5.6K	5%	1/10W	
R217	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R218	1-216-037-00	METAL CHIP	330	5%	1/10W	
R219	1-216-075-00	METAL CHIP	12K	5%	1/10W	
R220	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R221	1-216-099-00	METAL CHIP	120K	5%	1/10W	
R222	1-216-069-00	METAL CHIP	6.8K	5%	1/10W	
R223	1-216-071-00	METAL CHIP	8.2K	5%	1/10W	
R224	1-216-075-00	METAL CHIP	12K	5%	1/10W	
R225	1-216-079-00	METAL CHIP	18K	5%	1/10W	
R226	1-216-113-00	METAL CHIP	470K	5%	1/10W	
R227	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	
R228	1-216-068-00	METAL CHIP	6.2K	5%	1/10W	
R229	1-216-066-00	METAL CHIP	5.1K	5%	1/10W	
R230	1-216-092-00	METAL GLAZE	62K	5%	1/10W	
R231	1-216-056-00	METAL GLAZE	2K	5%	1/10W	
R232	1-216-085-00	METAL CHIP	33K	5%	1/10W	
R233	1-216-056-00	METAL GLAZE	2K	5%	1/10W	
R234	1-216-689-11	METAL CHIP	39K	0.5%	1/10W	
R235	1-216-090-00	METAL CHIP	51K	5%	1/10W	
R236	1-216-109-00	METAL CHIP	330K	5%	1/10W	
R237	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R238	1-216-076-00	METAL CHIP	13K	5%	1/10W	
R239	1-216-076-00	METAL CHIP	13K	5%	1/10W	
R240	1-216-085-00	METAL CHIP	33K	5%	1/10W	
R241	1-216-045-00	METAL CHIP	680	5%	1/10W	
R242	1-216-056-00	METAL GLAZE	2K	5%	1/10W	
R243	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R244	1-216-089-91	METAL GLAZE	47K	5%	1/10W	
R245	1-216-091-00	METAL CHIP	56K	5%	1/10W	
R246	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R247	1-216-057-00	METAL CHIP	2.2K	5%	1/10W	
R248	1-216-057-00	METAL CHIP	2.2K	5%	1/10W	
R249	1-216-077-00	METAL CHIP	15K	5%	1/10W	
R250	1-216-089-91	METAL GLAZE	47K	5%	1/10W	
R251	1-216-039-00	METAL CHIP	390	5%	1/10W	
R252	1-216-005-00	METAL CHIP	15	5%	1/10W	
R254	1-216-108-00	METAL GLAZE	300K	5%	1/10W	
R255	1-216-085-00	METAL CHIP	33K	5%	1/10W	
R256	1-216-091-00	METAL CHIP	56K	5%	1/10W	
R257	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R258	1-216-063-00	METAL CHIP	3.9K	5%	1/10W	

Ref. No.	Part No.	Description			Remark
R259	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R260	1-216-073-00	METAL CHIP	10K	5%	1/10W
R261	1-216-033-00	METAL CHIP	220	5%	1/10W
R262	1-216-029-00	METAL CHIP	150	5%	1/10W
R263	1-216-035-00	METAL CHIP	270	5%	1/10W
R265	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R266	1-216-072-00	METAL CHIP	9.1K	5%	1/10W
R267	1-216-097-00	METAL CHIP	100K	5%	1/10W
R268	1-216-095-00	METAL CHIP	82K	5%	1/10W
R269	1-216-070-00	METAL CHIP	7.5K	5%	1/10W
R270	1-216-121-00	METAL CHIP	1M	5%	1/10W
R271	1-216-049-00	METAL CHIP	1K	5%	1/10W
R272	1-216-081-00	METAL CHIP	22K	5%	1/10W
R301	1-216-075-00	METAL CHIP	12K	5%	1/10W
R302	1-216-073-00	METAL CHIP	10K	5%	1/10W
R303	1-216-075-00	METAL CHIP	12K	5%	1/10W
R305	1-216-083-00	METAL CHIP	27K	5%	1/10W
R306	1-216-081-00	METAL CHIP	22K	5%	1/10W
R307	1-216-097-00	METAL CHIP	100K	5%	1/10W
R308	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R309	1-216-097-00	METAL CHIP	100K	5%	1/10W
R310	1-216-081-00	METAL CHIP	22K	5%	1/10W
R311	1-216-083-00	METAL CHIP	27K	5%	1/10W
R312	1-216-044-00	METAL CHIP	620	5%	1/10W
R313	1-216-042-00	METAL CHIP	510	5%	1/10W
R316	1-216-013-00	METAL CHIP	33	5%	1/10W
R317	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R318	1-216-085-00	METAL CHIP	33K	5%	1/10W
R319	1-216-085-00	METAL CHIP	33K	5%	1/10W
R320	1-216-099-00	METAL CHIP	120K	5%	1/10W
R321	1-216-049-00	METAL CHIP	1K	5%	1/10W
R322	1-216-073-00	METAL CHIP	10K	5%	1/10W
R323	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R324	1-216-097-00	METAL CHIP	100K	5%	1/10W
R325	1-216-105-00	METAL CHIP	220K	5%	1/10W
R326	1-216-081-00	METAL CHIP	22K	5%	1/10W
R327	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R601	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R602	1-216-091-00	METAL CHIP	56K	5%	1/10W
R603	1-218-756-11	METAL CHIP	150K	0.5%	1/10W
R604	1-218-756-11	METAL CHIP	150K	0.5%	1/10W
R605	1-216-073-00	METAL CHIP	10K	5%	1/10W
R607	1-216-097-00	METAL CHIP	100K	5%	1/10W
R608	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R609	1-216-113-00	METAL CHIP	470K	5%	1/10W
R610	1-216-093-00	METAL CHIP	68K	5%	1/10W
R611	1-216-113-00	METAL CHIP	470K	5%	1/10W

Ref. No.	Part No.	Description	Remark
		< VARIABLE RESISTOR >	
RV101	1-238-204-11	RES, ADJ, METAL GLAZE 10K	
RV102	1-238-204-11	RES, ADJ, METAL GLAZE 10K	
RV201	1-238-204-11	RES, ADJ, METAL GLAZE 10K	
RV202	1-238-204-11	RES, ADJ, METAL GLAZE 10K	
RV301	1-230-275-11	RES, VAR, CARBON 50K/50K (REC LEVEL)	
RV302	1-228-545-00	RES, VAR, SLIDE 50K/50K (HEADPHONE VOLUM	
RV601	1-238-206-11	RES, ADJ, METAL GLAZE 47K	
RV602	1-228-607-00	RES, VAR, CARBON 20K (SPEED TUNE)	
RV603	1-238-206-11	RES, ADJ, METAL GLAZE 47K	
		< SWITCH >	
S301	1-554-029-00	SWITCH, SLIDE (PLAY/RECORD)	
S302	1-554-222-00	SWITCH, SLIDE (REC ATT)	
S601	1-570-856-11	SWITCH, SLIDE (SPEED TUNE)	
		< TRANSFORMER >	
T301	1-433-244-00	TRANSFORMER, BIAS OSCILLATOR	
**********			
		MISCELLANEOUS	
		**********	
FG901	A-3164-245-A	COIL ASSY, FG	
HE901	8-825-724-00	HEAD, ERASE EF-201-36	
HRP901	1-543-357-11	HEAD, MAGNETIC (REC/PLAY BACK)	
M901	1-541-851-11	MOTOR	
S901	1-553-226-00	SWITCH, LEAF	
S902	1-552-181-00	SWITCH, LEAF	
S903	1-553-198-00	SWITCH, LEAF	
	1-548-516-23	TIMER, TAPE	